



In place of PTO-449 Form		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/613,190
				Filing Date	July 3, 2003
				Applicant(s)	Karl K. LaFleur
				Art Unit	3753
				Examiner Name	Unknown
SHEET	1	OF	1	Attorney/Docket Number	12584.37

U. S. PATENT DOCUMENTS				
Examiner's Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document
LGW		4,522,430	06/11/1985	Stromberg
		4,524,998	06/25/1985	Brisco
		4,566,168	01/28/1986	Stromberg
		4,613,161	09/23/1986	Brisco
		4,624,483	11/25/1986	Stromberg
		4,655,286	04/07/1987	Wood
		4,718,495	01/12/1988	Lubitz et al.
		4,817,724	04/04/1989	Funderberg, Jr. et al.
		4,913,231	04/03/1990	Muller et al.
		4,997,042	03/05/1991	Jordan et al.
		5,044,444	09/03/1991	Coronado
		5,152,554	10/06/1992	LaFleur et al.
		5,191,939	03/09/1993	Stokley
		5,236,035	08/17/1993	Brisco et al.
		5,249,629	10/05/1993	Jennings
		5,282,653	02/01/1994	LaFleur et al.
		5,411,095	05/02/1995	Ehlinger et al.
		5,413,171	05/09/1995	Womack
		5,435,390	07/25/1995	Baugh et al.
		5,441,310	08/15/1995	Barrett et al.
		5,443,122	08/22/1995	Brisco
		5,499,687	03/19/1996	Lee
		5,501,280	03/26/1996	Brisco
		5,553,667	09/10/1996	Budde et al.
		5,577,566	11/26/1996	Albright et al.
		5,584,343	12/17/1996	Coone
		5,641,021	06/24/1997	Murray et al.
		5,660,234	08/26/1997	Hebert et al.
		5,735,348	04/07/1998	Hawkins, III
		5,971,079	10/26/1999	Mullins
LGW		6,173,777	01/16/2001	Mullins

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document	Publication Date	Patentee or Applicant of Cited Document	Translation
		WO 93/07358	4/15/1993	WEPCO AS	

OTHER PRIOR ART	
Examiner's Initials	Cite No.
Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume, issue number(s), publisher, city/country where published	

Examiner Signature		Date Considered	03/15/05
--------------------	--	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Attorney Docket: 12584.37

Customer No. 000027683

EXPRESS MAIL NO.: E1333438631 US DATE OF DEPOSIT: 7/3/03

This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Ellen Lovelace  
Name of person mailing paper and fee

Ulla Jovlan  
Signature of person mailing paper and fee

## FILLING AND CIRCULATING APPARATUS FOR SUBSURFACE EXPLORATION

Inventors: Karl K. LaFleur  
Weatherford, Texas

Assignee: LaFleur Petroleum Services  
609 W. Fourth Street  
Weatherford, Texas 76086

Haynes and Boone, LLP  
901 Main Street, Suite 3100  
Dallas, TX 75202-3789  
Tel: 214-651-5000  
Fax: 214-651-5940  
D-1115095.1